

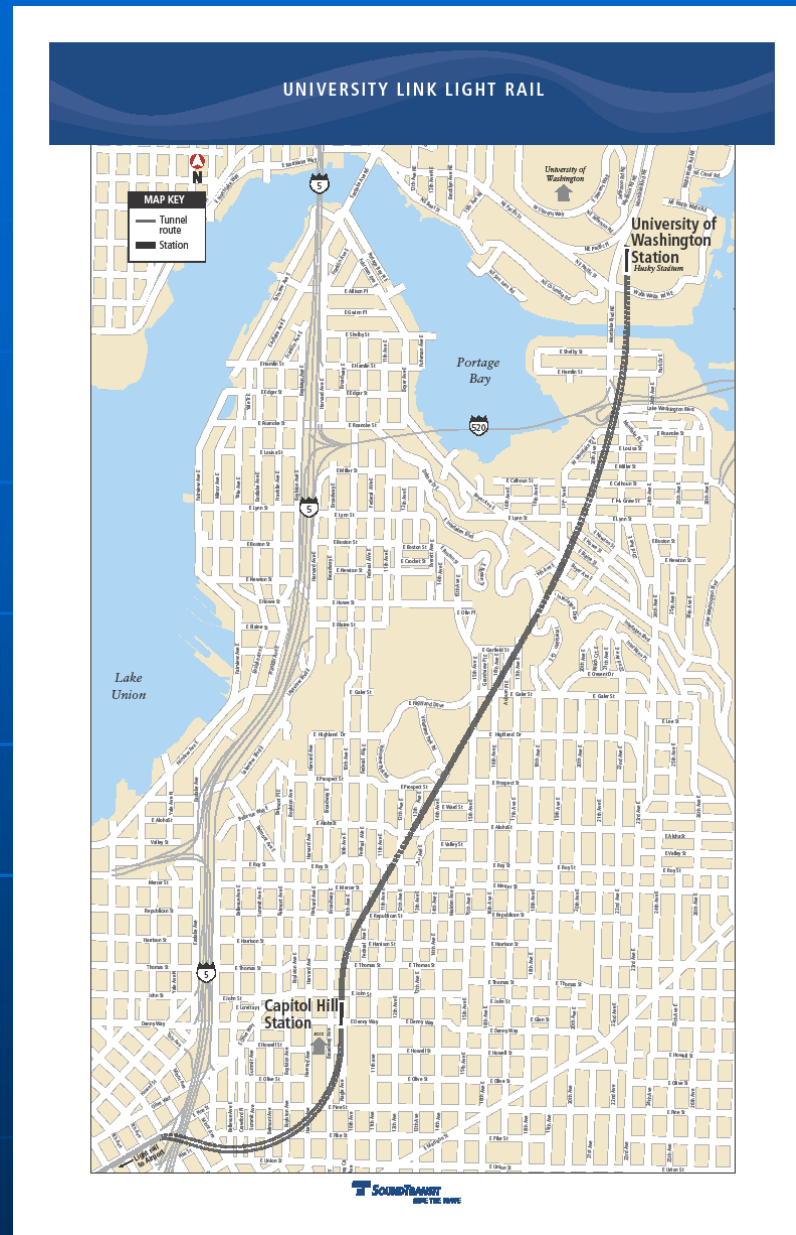
U-215 I-5 Undercrossing Construction Pits

Rowly Stow

ADSC-WSDOT Joint Training
Constructability Workshop
April 8, 2010



Sound Transit University Link

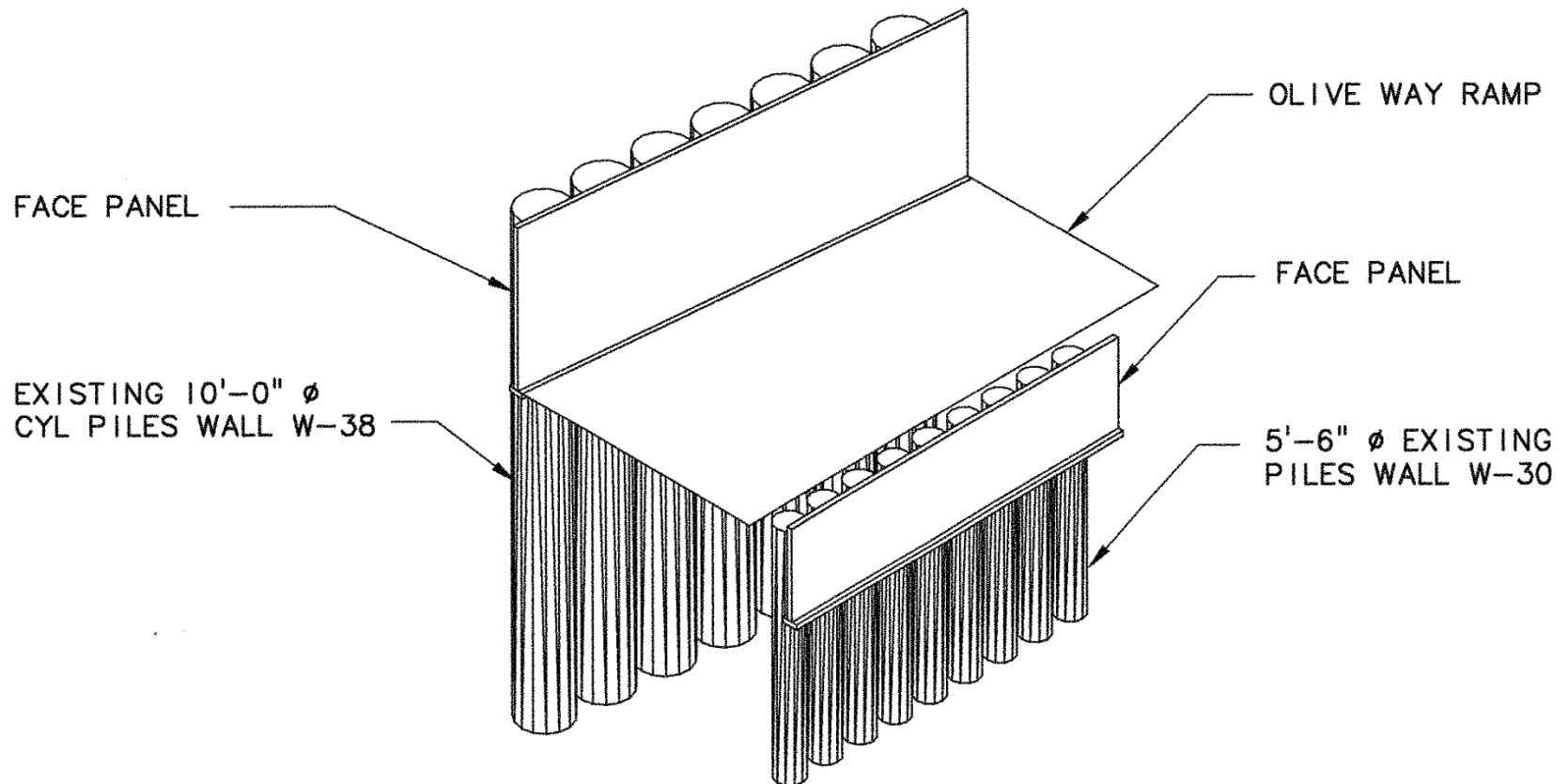


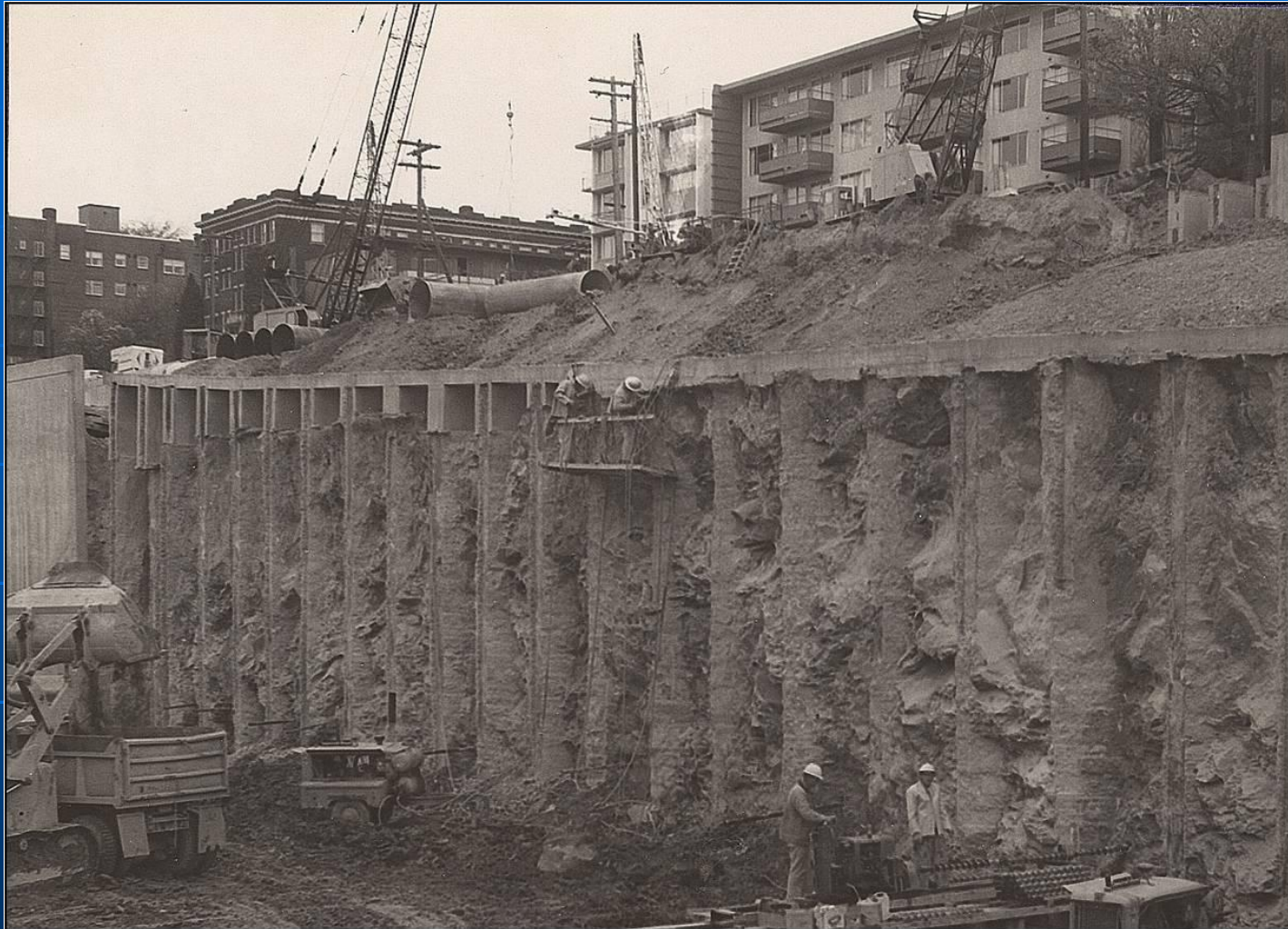
Site Location



Existing Conditions

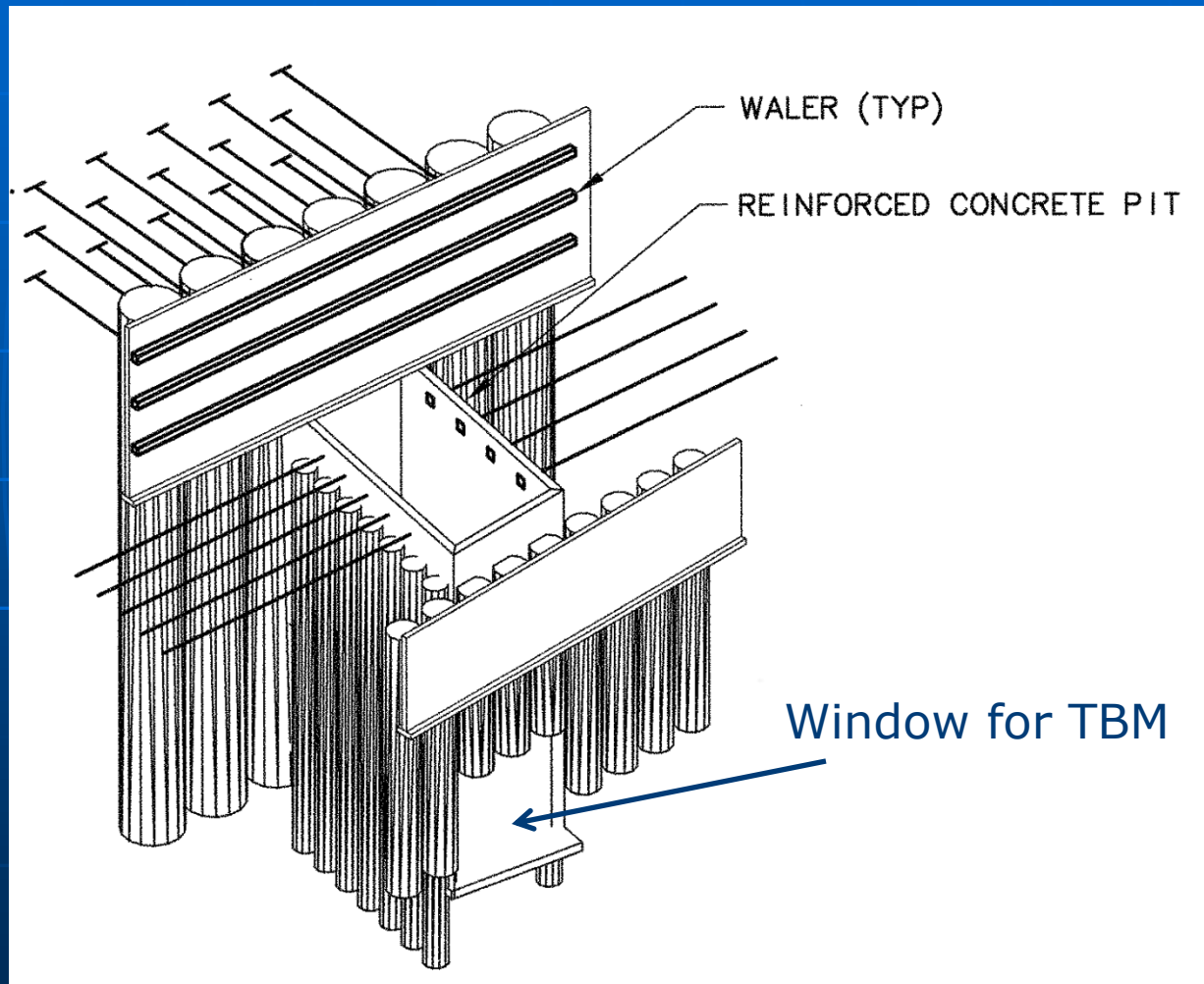
EXISTING CONDITION



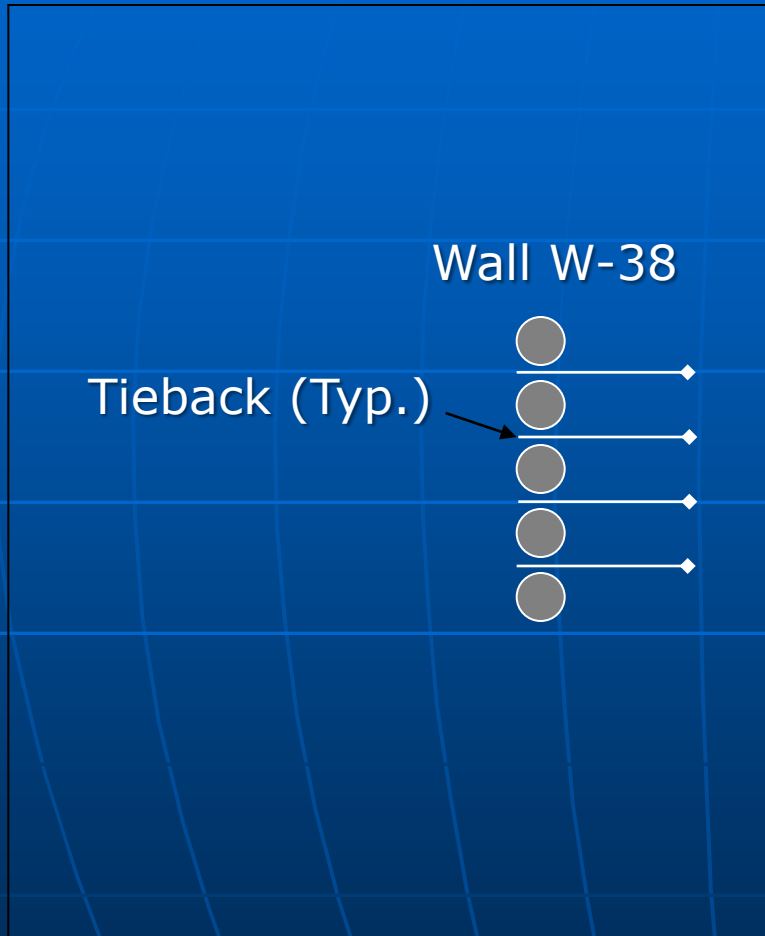




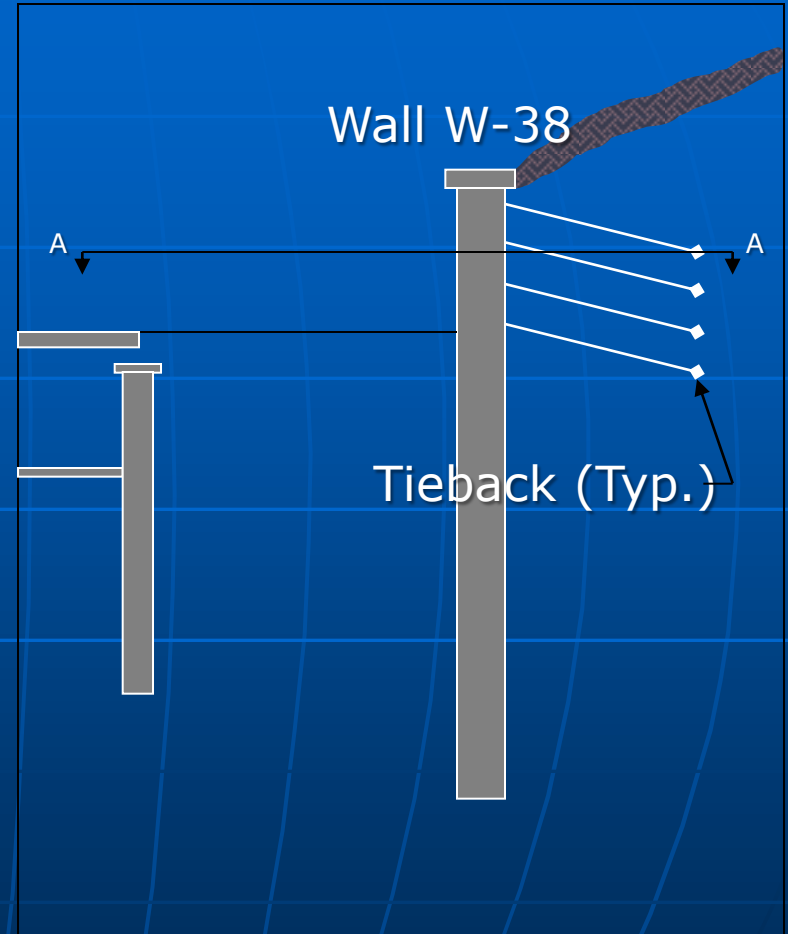
General Plan



Install Tie-Backs – Wall W 38

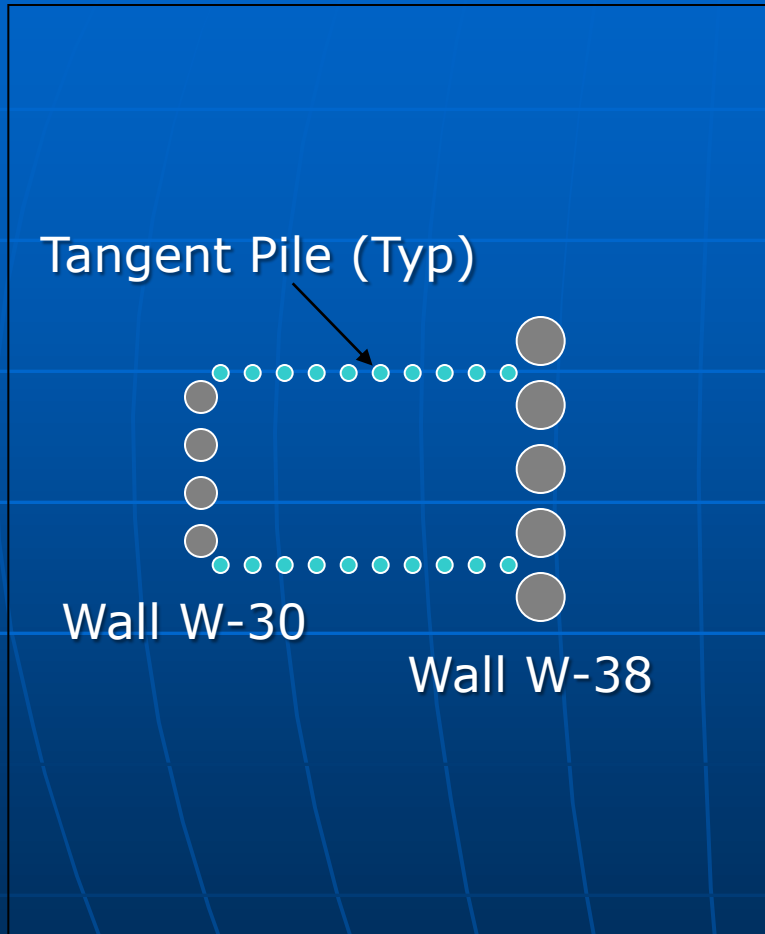


Section A-A

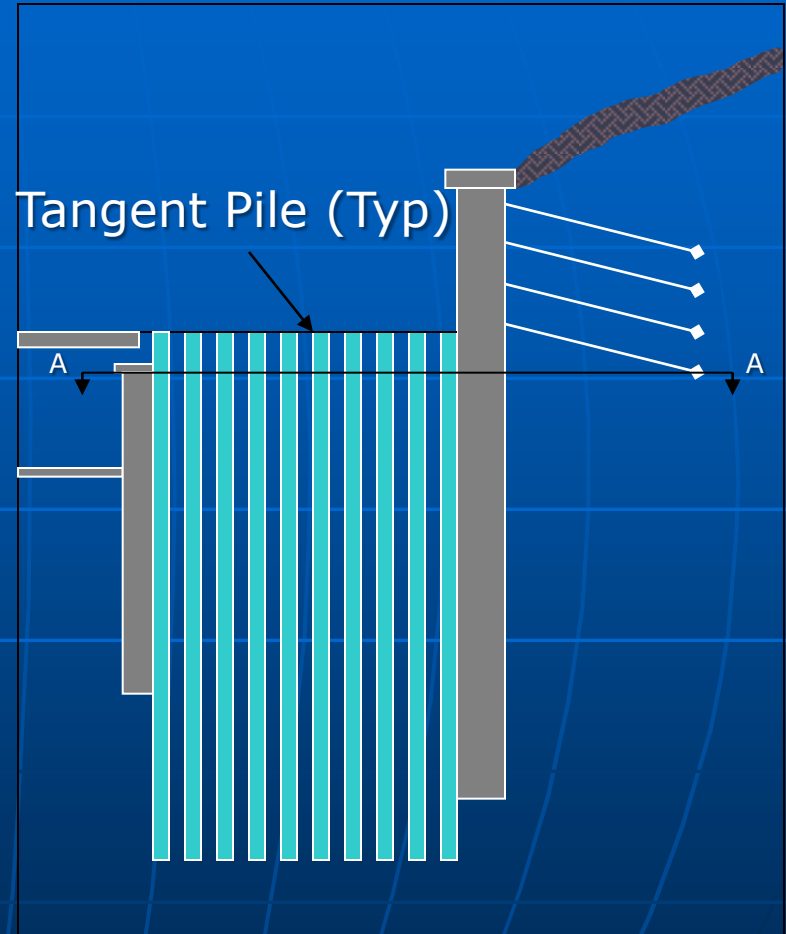


Elevation

Install Tangent Piles

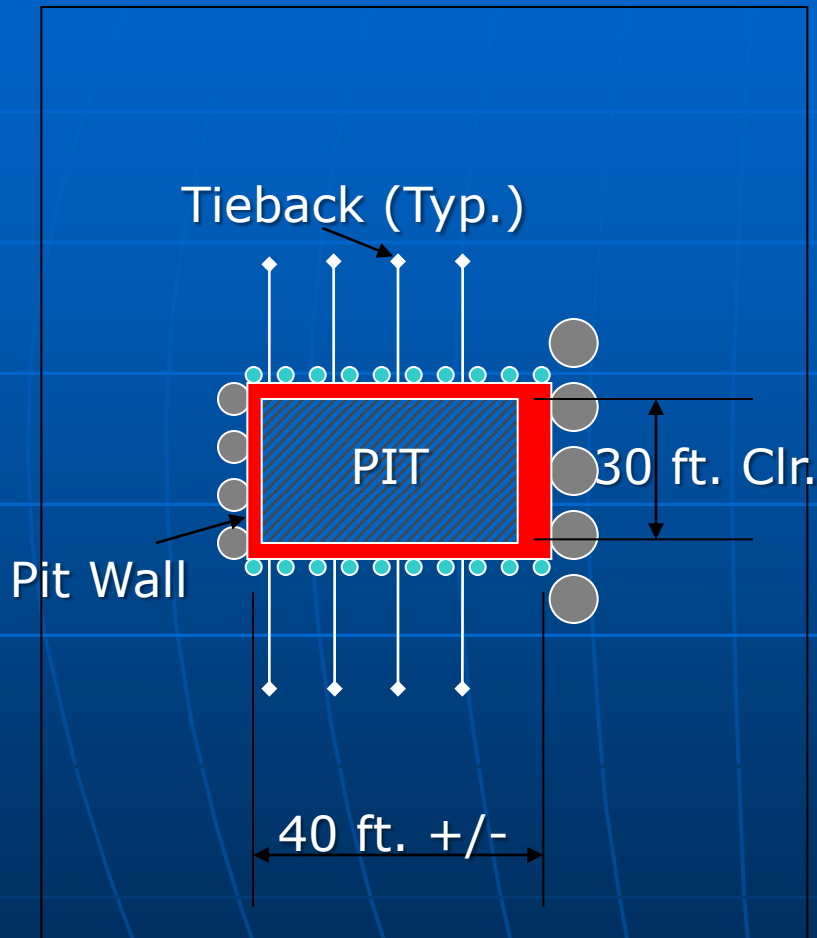


Section A-A

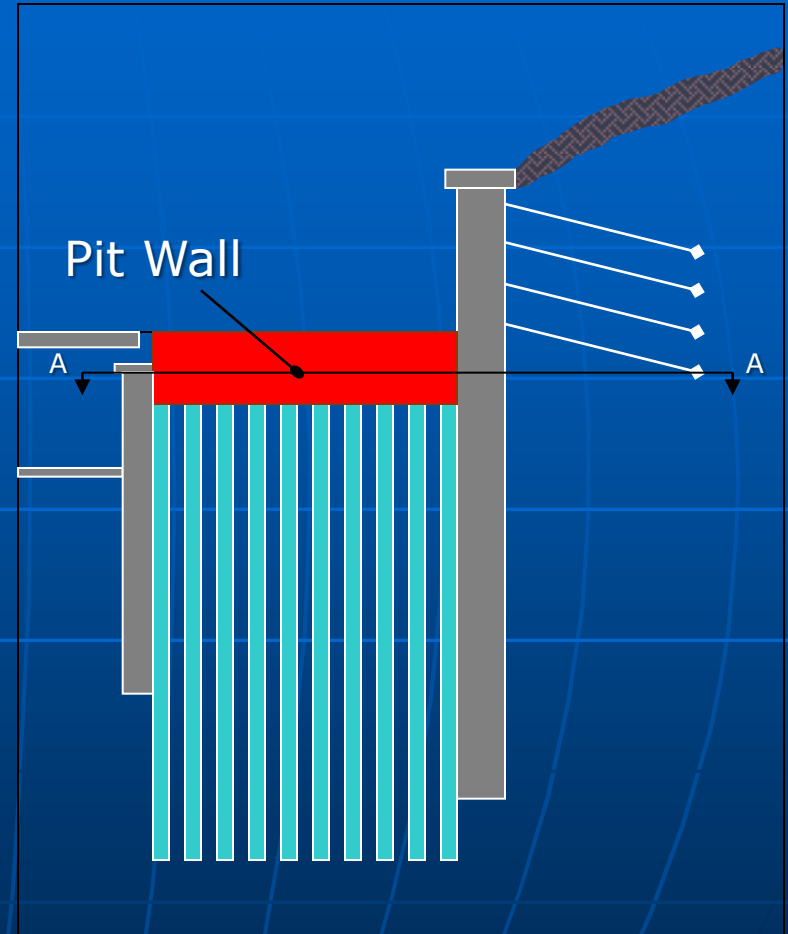


Elevation

Incrementally Construct Box



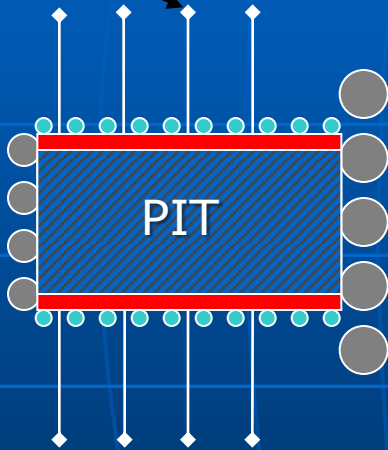
Section A-A



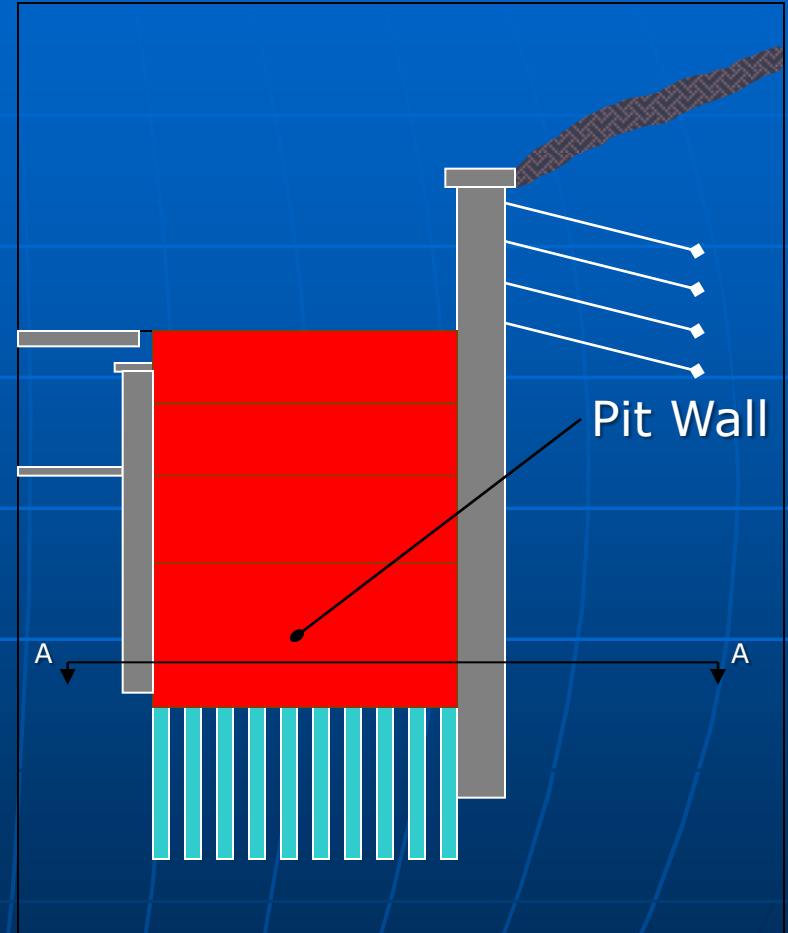
Elevation

Bottom Slab

Tieback (Typ.)

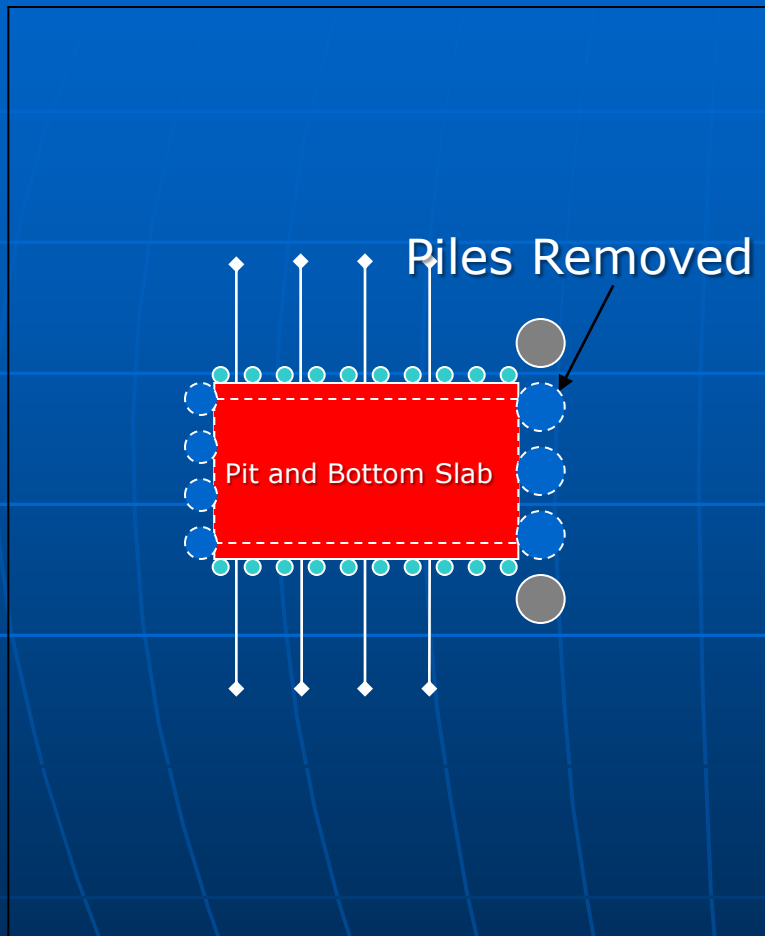


Section A-A

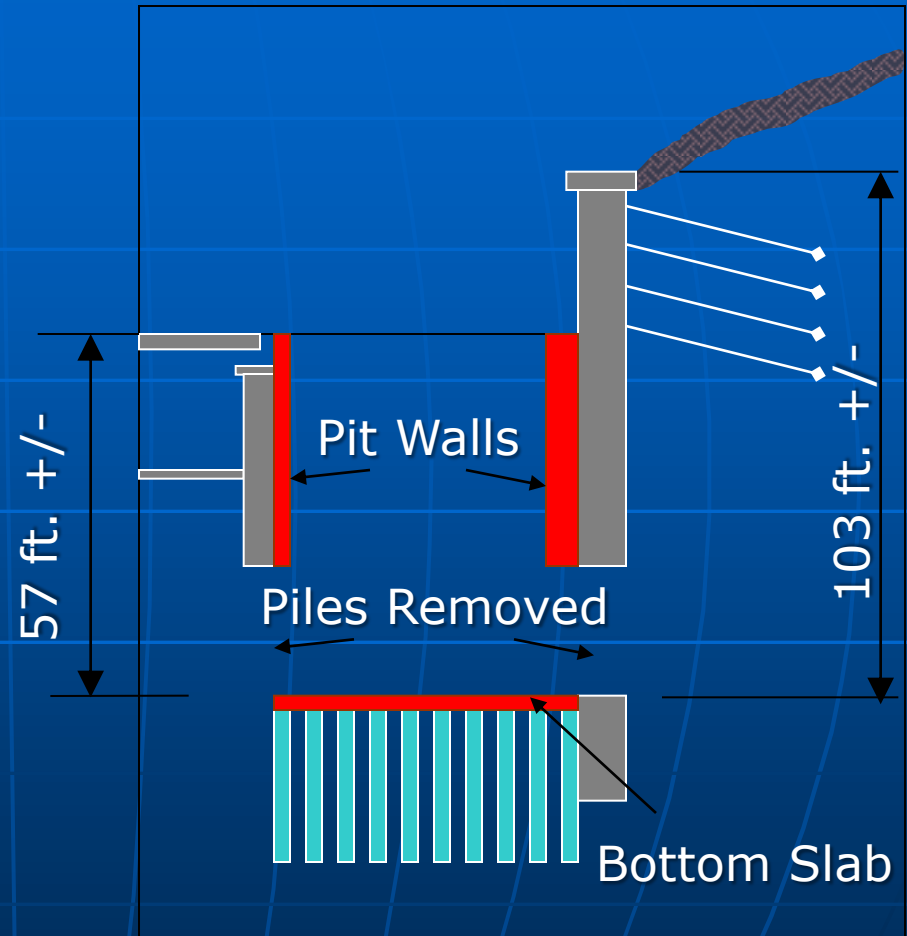


Elevation

Demolish Impediments

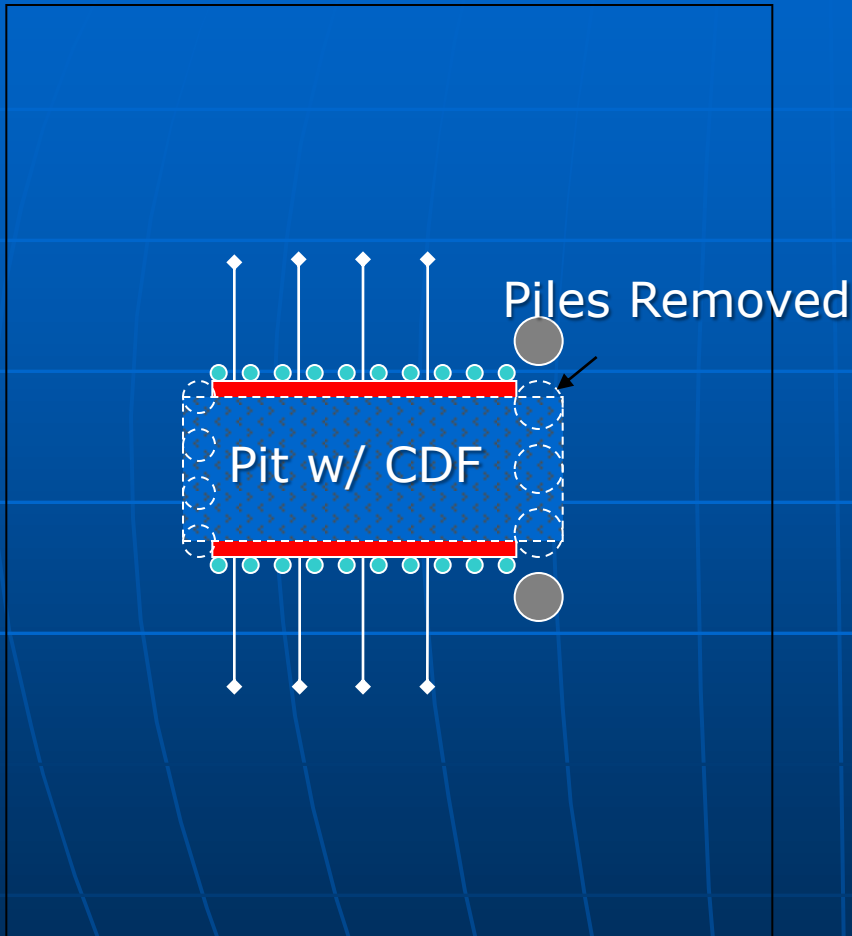


Section A-A

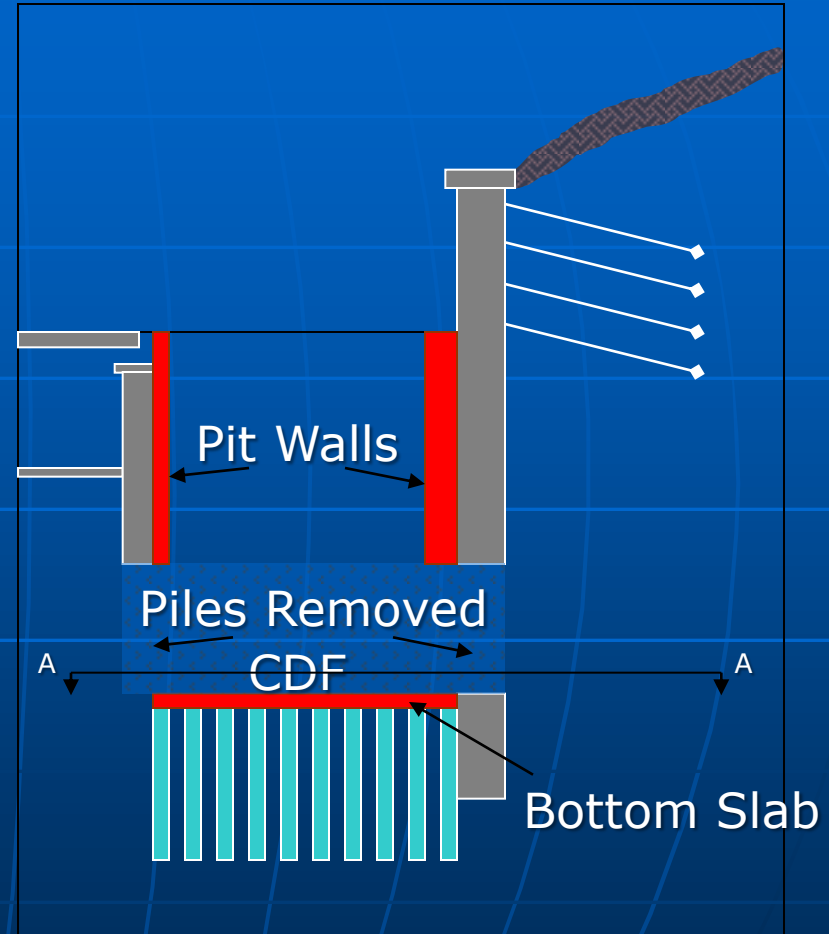


Elevation

Place CDF

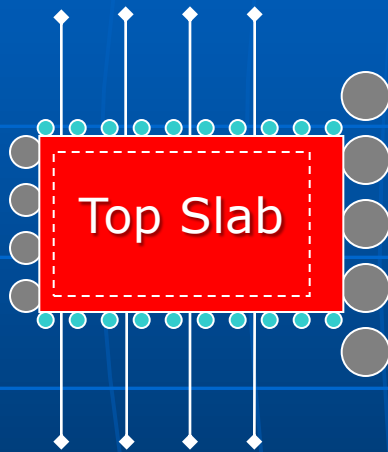


Section A-A

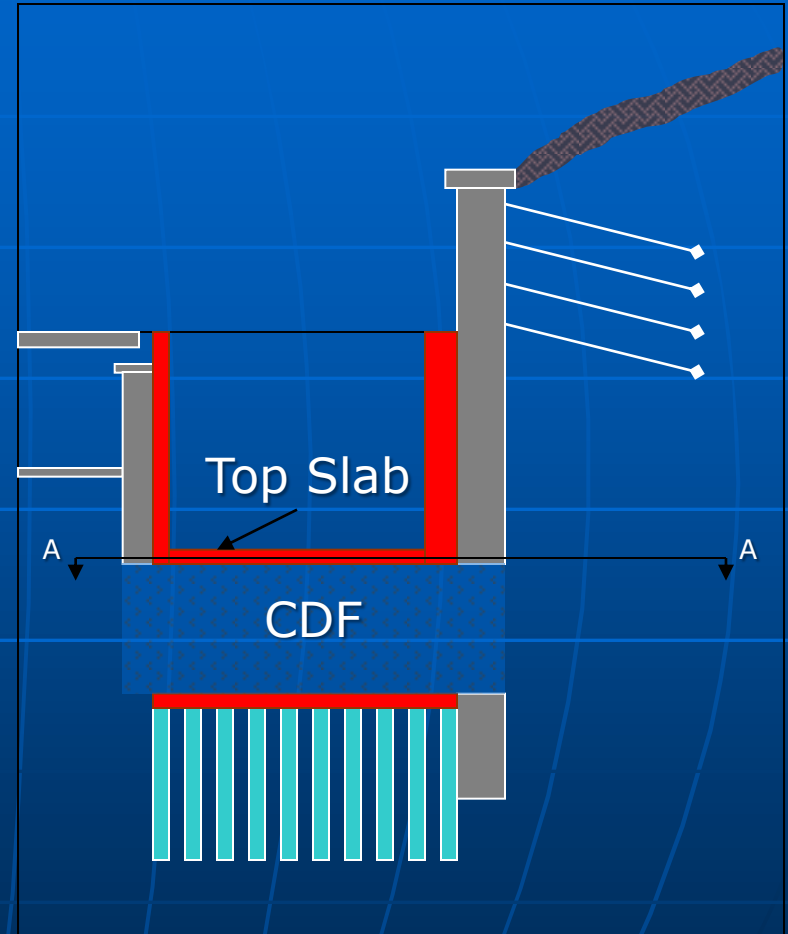


Elevation

Construct Top Slab

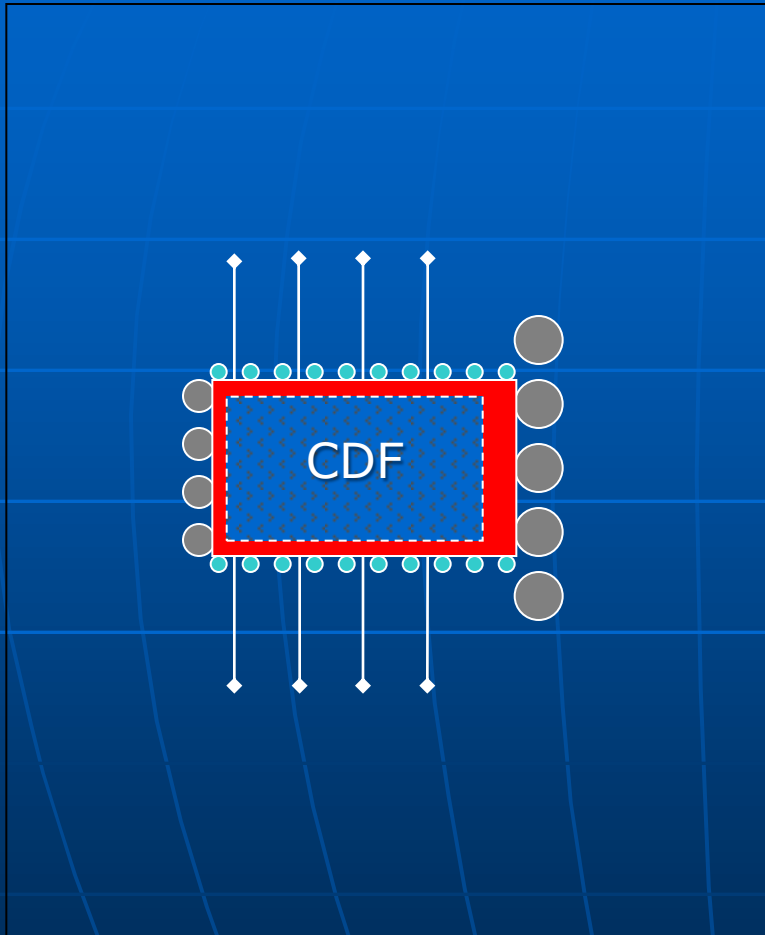


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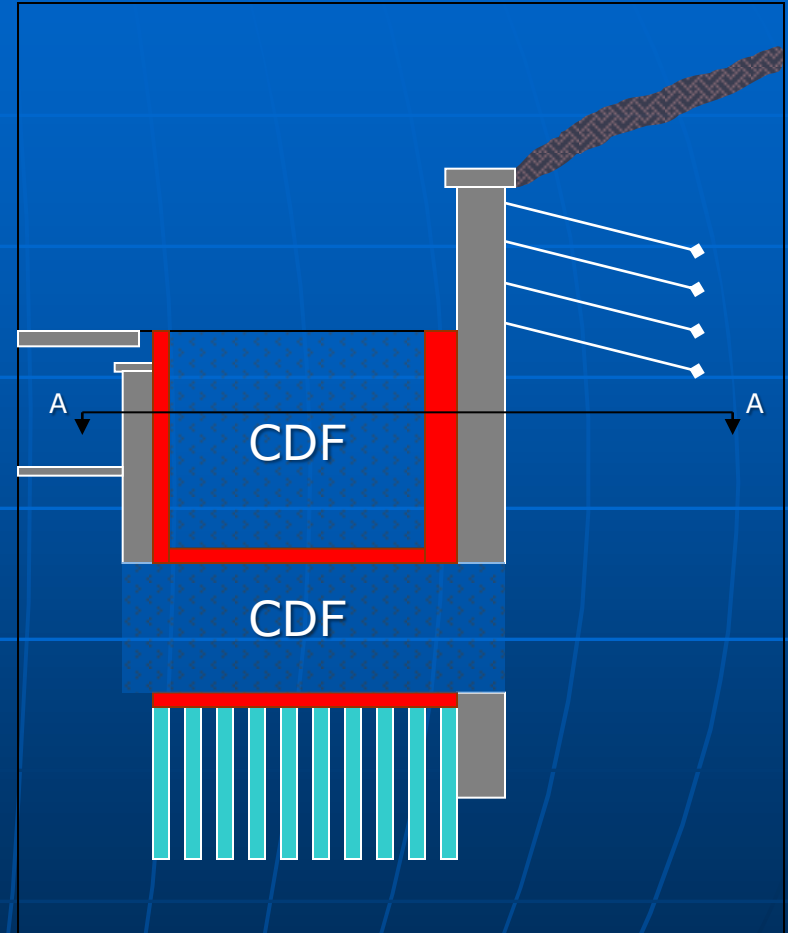


Elevation

Backfill Void

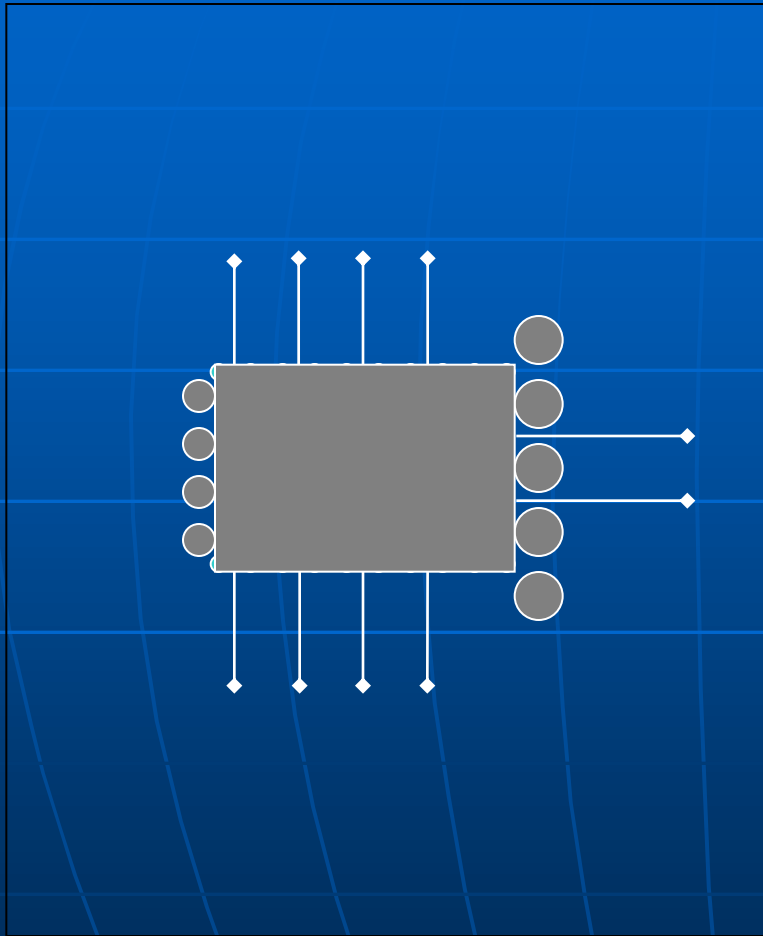


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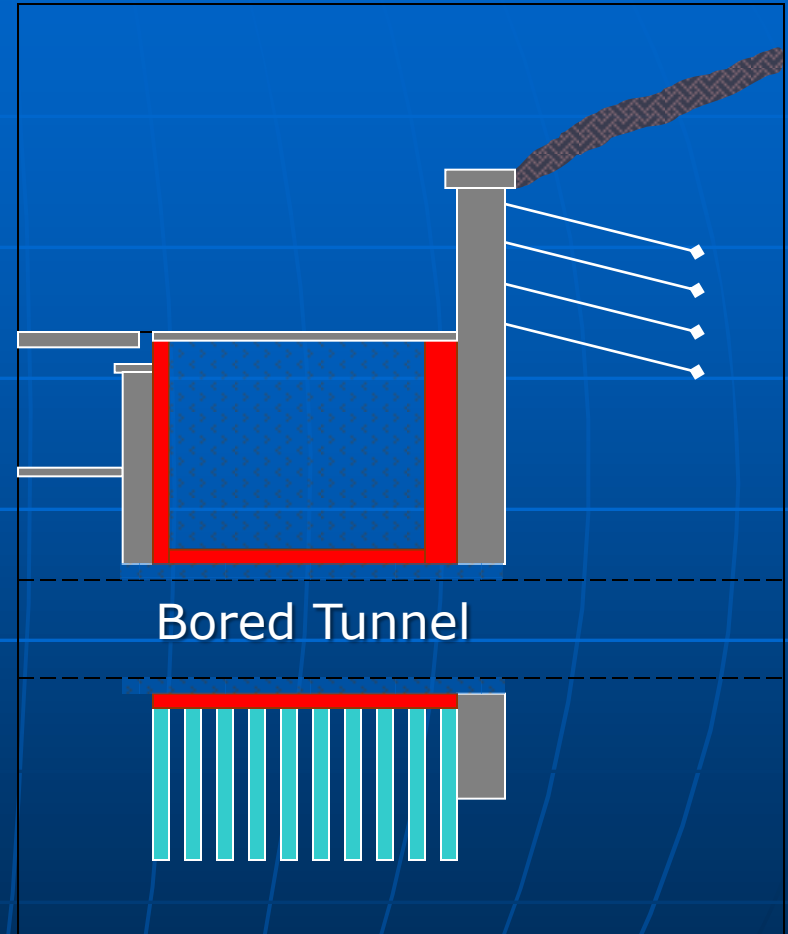


Elevation

De-stress Ties – Restore Roadway



Plan



Elevation

Pile Demolition

